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S. Matsuda,
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No 4, 1962, pp 374-377.
DISI 4641

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Dist-MQM
Jul 66

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Studies of Maleic Anhydride Derivatives and
Their Utilization VI. The Synthesis of
Benzylsuccinamide and Benzylsuccinimide
Derivatives and Their Anticonvulsant Activities,
by S. Matsuda, H. Matsuda, 6 pp.

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Vol LXXVIII, No 6, 1957, pp 814-817.

ATB-51441j

Sci
Vol IV, No 7
Apr 62

192,646

Matsuda, S. and Matsuda, H.
SYNTHESES OF DIALKYLTIN DIHODIDES. [1960]
12p.
Order from ATS \$19.45 ATS-51M47J

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 1, p. 114-118.

ATS-51M-12-13

(Chemistry--Organic, TT, v. 5, no. 7)

61-12664

1. Tin iodides--Synthesis
2. Tin compounds (Organic)--
 Synthesis
1. Matsuda, S.
- II. Matsuda, H.
- III. ATS-51M47J
- IV. Associated Technical
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 Orange, N. J.

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Education Research Meeting, by Matsuda Sadao, 8 pp.
UNCLASSIFIED

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USACRAPAC, PD
Tr No 103651 (1a)
Rpt No 0507/61

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Synthesis of Organic Compounds by Electric
Discharge - Part 9: Reaction of Ethylene
with Ammonia by Silent Electric Discharge,
by T. Matsuda, K. Odo.
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No 3, 1958, pp 384-389.
CHOO/O.A. Trans 615

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Sci-Elec
Sept 69

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Matsuda, Y. and Tanaka, A.
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Order from ATS \$21.60 ATS-66N51J

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
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DESCRIPTORS: *Binders, Fuels, *Polymers.

ATS-JJ-3591

(Materials--Fuels, TT, v. 6, no. 3)

61-22608

- I. Matsuda, Y.
- II. Tanaka, A.
- III. ATS-66N51J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Matsuda, Yoshiro; Nakahara, Yoshiro, and Mito,
Masatshi.

**SURFACE ACTIVE AGENT FROM WASTE FILTRATE
OF MONO-CHLOROACETIC ACID MANUFACTURE.**

[1963] 6p. 1 ref.

Order from OTS or SLA \$1.10

63-16441

Trans. of Japanese patent [publication] 1962-824.
16 Apr [62] appl. 19 Dec 58, by Dai Nippon Celluloid
Co. Ltd.

DESCRIPTORS: *Chloroacetic acids, *Wastes
(Industrial), *Surface-active substances, Manufacturing
methods, Fatty acids, Amines, Solvents, Acetones,
Methyl radicals, Ethyl radicals, Butyl radicals,
Ketones, Acetates, Ethers.

(Engineering--Chemical, TT, v. 13, no. 6)

63-16441

- I. Matsuda, Y.
- II. Nakahara, Y.
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- IV. Patent (Japan) pub. 37-624

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Changes Undergone by Polyamides on Heating at High
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Y. Matsuda.

JAPANESE, per, Kobunshi Kagaku, Vol XVII, 1960,
pp 413-416.

NLL M 8841

Sci - Chem, & Engr
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The Separation of Fluoride Ions by Means of Ion
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T. Kojima, Y. Matsuda, 9 pp.

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pp 514-517.

AEC DEI-Inf-Ser-16

Sci - Phys
May 61

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METHOD OF PRODUCING AROMATIC ACID
ANHYDRIDE POLYMER. July 63, 11p. 2 refs.
Order from SA \$19.00 SA Code-P-206

Trans. in manuscript of published Japanese patent
10944/1962, cl. 26-D-3, appl. no. 2644/1960 filed
28 Jan 60, pub. 13 Aug 62, by Dai-Nihon Celluloid Co.,
Ltd.

DESCRIPTORS: *Polyester plastics, Carboxylic acids,
Anhydrides, Chlorides, *Phthalic acids, Phenyl
radicals, *Ethanes, *Propanes, *Ethyl ethers,
Polymerization.

(Materials--Plastics, TT, v. 10, no. 9)

63-22304

- I. Matsuda, Y.
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- III. Patent (Japan) pub.
37-10 944
- IV. SA Code-P-206
- V. Seizaburo Aoki (Japan)

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The Liquid Entrainment and Its Removal of Large-Scale Evaporation Unit. Evaporation of Radioactive Liquid Waste, by Nobuo Mitsuishi, Sadahiro Sakata, Tuji Matsuda, Yutaka Yamamoto, pp ~~453~~ 1-1.

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AEC Tr-4225

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Radioactive Liquid Waste, by Nobuo Mitsuishi,
Yuji Matsuda, Mutaka Yamamoto, Yoshitoshi Oyama,
pp 19-36.

JAPANESE, per, Kagaku Kogaku, Vol XXII, 1958,
pp 680-686.

AEC Tr-4225

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Investigations of the Ovulation Suppres-
sant Action of 19-Norsteroids in Post-
Laparotomy Patients, by S. Matsumoto,
T. Ito.

GERMAN, per, Geburtshilfe und Frauenheil-
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NTC 69-11468-060

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using, Band Sampling Probe, by Tsai Chin-to,
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Jan 65

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COURS DE L'HYDROLYSE. III. TRANSFORMATION
DE LA LIGNINE PAR HYDROLYSE (Studies on Water
Hydrolysis of Wood. III. Changes in Lignin Structure
During Water Hydrolysis). 13p 13 refs
Order from OTS, ETC or CNRS (0.60 62-26972

Trans. In French of Kami Parupu Gijutsu Kyokai-Shi
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DESCRIPTORS: Wood, *Lignin, *Hydrolysis,
Transformations.

(Matnindoo-Wood, TT, v. 10, no. 10)

62-26972

I. Matsugu, T.
II. Shiraiwa, H.
III. Centre National de la
Recherche Scientifique

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Separation of Polyphosphates by Anion Exchange
Chromatography, by H. Matsushashi. 48

GERMAN, per, Hoppe Seyler Z Physiol Chem,
No 333, 1963, pp 24-30.

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DISTURBANCE OF FATTY-ACID SYNTHESIS IN HUNGER AND
ALLOXANDIABETES, BY S. NUMA, H. MATSUHASHI, ET AL,
10 PP.

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PP 203-217.

NIH 7-12-62

SCI - MED, CHEM

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(S.L.A.)

Full translation.

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Sci - Nuc Phys
May 61

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AZO DYES CONTAINING $-\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{N} \begin{smallmatrix} \text{R} \\ \text{R} \end{smallmatrix}$
GROUPS, PT. I. [1963] 13p.
Order from ATS \$13.75

ATS-54Q68J

Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) 1962,
v. 20, no. 5, p. 453-459.

DESCRIPTORS: *Azo radicals, *Dyes, Amides,
Propanols.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17337

- I. Matsui, K.
- II. Sunaga, T.
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- IV. ATS-54Q68J
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Studies on Insect-Proofing Agents for Wool, by K.
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Journal, Vol 15, No 8, 1957, pp 9-395 and Vol 20,
No 2, 1962, pp 9-165
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K. MATSUI

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Lymphocytic Leukemia and Myelocytic Leu-
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Vol 26, pp 44-54, 1963.
AMN 111 10-4-65

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Phil-Japan
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Chloride and Chloro-s-Triazine). 26p. 109 refs.
Order from UTS, ETC or CNRS \$0.98 62-26491

Trans. In French of Yuki Gosei Kagaku Kyokai Shi
(Japan) 1959, v. 17, no. 9, p. 528-544.

DESCRIPTORS: Cyanuric acid, *Chlorine compounds,
*Triazines, Chemical reactions, Amines, Alcohols,
Phenols, Synthesis.

(Chemistry--Organic, TT, v. 10, no. 7)

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I. Matsui, K.
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Matsui, Koji; Hagiwara, Kikuyo; and Hayashi, Atsuo.
REACTION OF CYANURIC CHLORIDE WITH ALCOHOLS, I. [1962] [27]p. (foreign text included) 9 refs.
Order from SLA \$2.60 62-18829

I. Matsui, K.
II. Hagiwara, K.
III. Hayashi, A.

Trans. of Yuki Gasei Kagaku Kyokai Shi (Japan) 1960,
v. 18, p. 97-109.

DESCRIPTORS: *Cyanogen chlorides, *Alcohols,
Chemical reactions, Deoxidation, Sodium compounds,
Calcium compounds, Carbonates, *Reaction kinetics,
*Chlorides

(Chemistry--Organic, TT, v. 9, no. 10)

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Matsui, Masano.
REDUCTION WITH COMPLEX METAL HYDRIDES.
[1963] 25p.
Order from K-H \$25.00 K-H 8524

Trans. of [Nihon] Nogei-Kagakkai Shi (Japan) 1957,
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DESCRIPTORS: *Reduction (Chemistry), *Hydrides,
*Complex compounds, Metallic compounds.

SLA 77 64-30961

(Chemistry--Inorganic, TT, v. 10, no. 1)

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I. Matsui, M.
II. K-H-8524
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Method of Preparing New Compounds Containing
Arsenic and Sulfur, by Munetoshi Matsui, Michio
Sato, 7 pp.

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S.I.A. Tr 1017/1956

Sci - Chemistry

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Dynamic Studies on the Nutrient Uptake by
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Exchange Capacity of Plant Roots,
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Sci - Biol

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T. Hatanaka.

JAPANESE, per, Nihon Kagaku Zasshi,
No 89, 1968, pp 70-72.

MLL Ser: 5809.95 (1/6221)

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Studies on Oxidation of Cellulose by
Periodate and Graft Polymerization,
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On the Deoxidation Process in the Melting
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T. Matsukura, et al,

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HB 5867

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Apr 63

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(00-3604)

The North Korean People's Army, by V. A.
Matsulenko, 38 pp.

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Armiya, 1959, pp 16-21, 100-122, 123-125.

JPRS 3279

PE - Korea
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A Process for Manufacturing Alkylane
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Hideo Matsunaga, Atsushi Ogura,
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SLA 60-10971

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(FDD 20589)

On the Relationship Between Weather and the
Outbreaks of Epidemic Bovine Influenza in
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JAPANESE, no per, Nihon Juishikai Zasshi, Vol V,
No 8, Tokyo, Aug 1952, pp 265-268.

CIA/FDD/U-6196

FE - Japan
Sci - Medicine, vet.

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Chemical Properties and Activity E of Carbon
Electrode of Air-Depolarized Wet Cell, by C.
Matsumoto, T. Nishi, S. Okada, 10 pp.

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pp 612-615.

S.L.A. Tr 57-256

Sci - Chemistry
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(NY-5712)

Technological Innovation in Communist China, by
Hiroichi Matsumoto, 16 pp.

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pp 25-40,

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FE - China

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Mar 61

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Investigation of the Contact and Duration
Measurement Apparatus and the Arc Duration of Silver
Contacts, by G. Matsumoto, S. Mohara, K. Mano.

JAPANESE, monograph, Denki Kankai Gakkaishi Tohoku
Shibu Rendai, Oct 1958.

ATS-63W50J

Sci
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Vol VII, No 2

63-22285

Matsumoto, Katsushu, Saito, Ko, and Sato,
Motomobu.

METHOD OF MANUFACTURING DYE-ABLE POLY-
ETHYLENE FIBER. July 63, 6p.
Order from SA \$16.00 SA Code-P-183

Trans. of published Japanese patent 9763/1962,
cl. 42 D 2 (25 H 311.1) appl. no. 7105/1960 filed
8 Mar 60, pub. 31 July 62, by Kureha Kasei Co., Ltd.

DESCRIPTORS: *Fibers (Synthetic), *Polyethylene
plastics, Manufacturing methods, Additives,
*Carbonates, *Dyes.

(Materials--Textiles, IT, v. 10, no. 9)

- I. Matsumoto, K.
- II. Saito, K.
- III. Sato, M.
- IV. Patent (Japan) pub.
37-9763
- V. SA Code-P-183
- VI. Seizaburo Aoki (Japan)

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Tryptophane Metabolism in Tumor-Bearing Animals, by
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NIH 11-15

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Dec 59

Studies on the Mechanism of the Increase of Resistance of Bacteria to Penicillin. Report No 4, Increase of Resistance by Successive Subcultures in Various Sorts of Bacterial Substances, by Kikuji Matsumoto, 8 pp..

Full translation.

JAPANESE, per, Journal of Antibiotics, Vol V, No 5, Japan, May 1952, pp 282-283.

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Scientific - Medicine

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Method for the Manufacture of Synthetic Hard
Resins, by T. Inokuchi, H. Matsumoto.
JAPANESE, Patent 14,246, 1962.
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Sci-Materials
Mar 70

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Synthesis of Malgic Anhydride by the
Catalytic Oxidation of C_4 Hydrocarbons With
Air, by M. Matsumoto, T. Ikawa, H. Hirasaka,
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Order from SLA \$1.10 62-20090

Trans. of Kobunshi Kagaku (Japan) 1958, v. 15,
p. 160-164

DESCRIPTORS: *Polyvinyl alcohol, *Infrared spectroscopy,
Polymers, Chemical compounds, Chemical bonds.

(Chemistry--Organic, TT, v. 9, no. 9)

62-20090

I. Matsumoto, M.
II. Imai, K.

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A Trial of Objective Weather Forecasting, by
Masaji Matsumoto,
GOVERNMENT USE ONLY
JAPANESE, per, Kisho Kenkyu Jiho, Vol XV, No 6,
1963, pp 37-43. 200031366
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Masaji Matsumoto

Sci- Ear Sci
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Matsumoto, Shoichi.
 A THEORETICAL CONSIDERATION OF THE DEGRADATION OF LONG CHAIN MOLECULES. [1960]
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 Order from SLA ml\$2.40, ph\$3.30 60-18905

Trans. of unidentified Japanese (?) mono.

Viscosity equation for the degradation product of homogeneous polymer: The equation $(1/m) = (1/a^{n+1}) \{(a+2)(n+1, a) - (n+2, a)\} e^{-a}$ relates the cleavage number s and the viscosity index m , and applies to materials which follow the viscosity equation $\eta = K P^a$ of Sakurada. The molecular weight distribution of the degradation product of nonhomogeneous material: When the distribution function of initial material is given by Schulz's equation $m_p = (-\ln \beta)^2 P \beta^P$, the distribution of the degradation product will be given by $m_p = [a + (-\ln \beta)]^2 P [a + (-\ln \beta)]^P$, where a is the degradation probability and β is the cleavage probability.
 (Chemistry--Organic, TT, v. 5, no. 6)

1. Polymers--Viscosity
1. Matsumoto, S.

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Process for Fabrication of Special Paper Cloth,
by Kikuo Hara, Yoshiyuki Matsumoto, Toshiro
Takahashi, Jpn
JANUARY, patent, 7038/1963, cl. 27 E O, appl.
98521/1959, 10 Dec 59, pub. 25 May 63, by
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Dec 1 - 11st
May 67

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Successful Treatment of Prostatic Cancer With
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JAPANESE, per, Journal of Antibiotics, Series B,
Vol XII, No 6, 1959, pp 198, 199.

SLA 60-14083

Sci
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Apr 61

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Studies on the Morphology of the Eyes of 70
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Toshio MATSUMOTO.

JAPANESE, par. Nippon Ganka Gakkai Z.

Vol 54, No 3, 1958, pp 202-206.

REF ID: A10-7-65

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EE-Japan

Sci/Bio

Mar 66

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H-Line Method for Laseron Velocity
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M. Suzuki.
JAPANESE, per. David Theodore Galt
Jasaka, Vol 48, No 8, pp 1880-1894, 1992
JEC SC-T-01-739 9227598

T. Matsumoto

Oct-1992
Nov 85

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Report of a Skipjack Bait Investigation in Saipan
Waters, by Kenzo Ikebe, T. Matsumoto, 15 pp.

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Full translation.

JAPANESE, per, Nanyo Suisan Joho, No 6, Jan 1938,
pp 2 -12.

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Scientific - Biology

Jul 55

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Progress Report on Experimental Skipjack Fishing
Near Yap, by Kenzo Ikebe, T. Matsumoto, 13 pp.

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Full translation.

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Scientific - Biology

Jul 1955

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Chromatography of Sterol, by T Tamura,
T. Matsumoto, 15 pp.

JAPANESE, per, Yukagaku, Vol VIII, No 12,
1959, pp 610-615.

NIH 6-12-61

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Sci - Med

Dec 61

An Investigation of the Skipjack ~~Wahoo~~ Fishery in the
Waters of Maleai, with notes on the bait situation at
Lamotrek and Puluwat is., by Takeshi Matsumoto, 10 pp.

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Full translation.

JAPANESE, per, Manyo Suisan Joho, No 3, Oct 1937,
pp 2 -6.

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Scientific - Biological

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Matsumoto, Toyochi, Ohara, Saburo, and
Sakurai, Hisako.

PROCESS FOR POLYMERIZATION OF TRIOXANE.

Feb 64, 9p

Order from SA \$19.00

SA Code-P-237

Trans. of published Japanese patent 17394.1962,
cl. 26-C-118.1 (136-G-21) appl. 40627/1960,
28 Sep 60, pub. 25 Oct 62, by Kanegabuchi-Boseki Co.,
Ltd. (Abstract available)

DESCRIPTORS: *Plastic films, *Acetyl plastics,
*Trioxanes, Polymerization, *Radiation chemistry,

The invention relates to a process for the polymeriza-
tion of trioxane, which is characterized in that tough
formaldehyde polymer of high molecular weight is pro-
duced by polymerizing crystalline particles of trioxane
in the presence of 0.1~10 parts of halogenated straight
chain hydrocarbon and in the case of polymerization of
(Materials--Plastics, TT, v. 11, no. 11) (over)

TT-64-12711

- I. Matsumoto, T.
- II. Ohara, S.
- III. Sakurai, H.
- IV. Patent (Japan) pub.
57-17394
- V. SA-Code-P-237
- VI. Seizaburo Aoki,
Fujisawa (Japan)

4280885

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The Conductance of Ions in the Presence of a
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pp 86-92.
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Sci - Chemistry
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Catalytic Action of "Oxidation Addition Reagents"
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Y. Matsumoto,

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect,
Vol LXII, No 10, 1959, pp 1555-1559.

ATS JJ-2150

Sci - Chem

May 60

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Outlook for Sampling Inspection, by Y.
Matsumoto, 9 pp.

JAPANESE, per, Quality Control Japan, Vol VII,
No 4, Apr1956, pp 1-3.

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Sci - Engineering

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Sep 57

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Copies obtainable from NASA, Washington

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